## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(09/674263).APP.	USPAT; USOCR	OR	OFF	2011/06/13 14:37
S2	0	(09/674263).APP.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/06/13 14:37
S3	4	("4286082" "6592468" "5306487" "7867623"). did.	USPAT	OR	OFF	2011/06/13 14:40
S4	4	("4286082" "6592768" "5306487" "7867623"). did.	USPAT	OR	OFF	2011/06/13 14:40
S5	1	"6827792".pn.	USPAT	OR	OFF	2011/06/13 14:41
S6	74	604/368.ccls. and @pd> "20081112"	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:07
S7	1325	604/367.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:10
S8	322	S7 and (thickening suspension flocculant flocculat\$4 float\$7)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:12
S9	0	S8 and (hydrophobicized adj silica\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:13
S10	0	S8 and (multivalent adj cation)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:13

S11	515	604/369.cds.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:13
S12	96	S11 and (thickening suspension flocculant flocculat\$4 float\$7)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:13
S13	18	S12 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:14
S14	29	S8 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:14
S15	0	S14 and (multivalent with cation)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:15
S16	0	S14 and (multivalent)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:15
S17	0	S13 and (multivalent with cation)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:15
S18	0	S13 and (multivalent)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:16
S19	11	S13 and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:16

S20	7	S14 and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:17
S21	517	604/416.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:19
S22	0	\$21 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:19
S23	95	S21 and (thickening suspension flocculant flocculat\$4 float\$7)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:19
S24	5	S23 and (cation)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:19
S25	0	616/135.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:20
S26	63	516/135.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:20
S27	2	\$26 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:20
S28	93	516/136.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:20

S29	3	\$28 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:20
S30	42	516/137.cds.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:21
S31	3	\$30 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:21
S32	149	516/138.cds.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:21
S33	0	S32 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:21
S34	6	S32 and (silica\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:21
S35	167	526/910.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:22
S36	1	S35 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:22
<b>S</b> 37	108	526/932.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:23

S38	0	S37 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:23
S39	300	525/195.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:23
S40	0	S39 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:23
S41	408	525/196.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:23
S42	0	S41 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:23
S43	369	525/934.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:24
S44	15	S43 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:24
S45	58	588/9.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:24
S46	О	S45 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:25

S47	134	588/14.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:25
S48	0	S47 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:25
S49	76	588/249.5.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:25
S50	3	S49 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:25
S51	0	S50 and (cation)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:26
S52	118	588/255.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:26
S53	4	S52 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:26
S54	2720	422/27-28.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:27
S55	16	S54 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:27

S56	825	422/40-41.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:28
S57	1	S56 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:28
S58	197	521/86.cds.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:28
S59	6	S58 and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:28
S60	6	523/107.ccls. and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:29
S61	7	523/111.ccls. and ((hydrophobicized hydrophobic) with (silica \$1))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:30
S62	6	523/122.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:30
S63	11	523/200.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:31
S64	3	523/201.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:31

S65	0	523/204.cds. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:31
S66	1	523/207.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:31
S67	7	523/209.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:32
S68	3	523/210.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:32
S69	4	523/212.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:33
S70	1	523/218.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:33
S71	0	523/310.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:33
S72	1	523/457.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:33
S73	0	523/513.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:34

S74	0	523/514.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:34
S75	0	523/521.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:34
S76	2	524/1.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:34
S77	2	524/441-442.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:34
S78	15	524/444-445.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:35
S79	17	524/492.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:36
S80	5	524/789.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:36
S81	1	524/859.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:37
S82	1	524/904.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:37

S83	0	524/917.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:37
S84	0	524/922.ccls. and ((hydrophobicized hydrophobic) with (silica \$1)) and (cation\$1)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:37
\$85	10	bech-martin.in.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:38
S86	97	beck-martin.in.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:38
S87	61	frenz-volker\$.in.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:38
S88	207	beck-martin\$.in.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:38
S89	8	kowalski-anna\$.in.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:39
S90	4	S87 and S88 and S89	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2011/06/17 19:39

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp	

\$1) and (multivalent adj cation).clm.
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